

Converting Colors

$Y_{xy}(39.3162, 0.3109, 0.2521)$

Have a look what the booklet for
Yxy(39.3162, 0.3109, 0.2521)
contains.

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Color

Yxy(39.2493, 0.3107, 0.2523)

Conversions

Conversions Part 1

Format	Color
Hex	CF94D5
RGB	207, 148, 213
RGB Percent	81%, 58%, 84%
CMY	0.1882, 0.4196, 0.1647
CMYK	0.03, 0.31, 0.00, 0.16
HSL	294°, 44%, 71%
HSV	294°, 31%, 84%
XYZ	48.3344, 39.2493, 67.9823
YIQ	173.0510, 14.2990, 32.7230

Conversions

Conversions Part 2

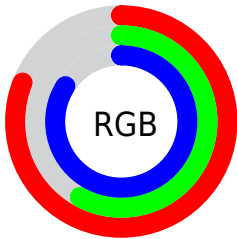
Format	Color
R _Y B	207, 148, 213
Decimal	13604053
CIE _{Lab}	68.93, 33.01, -24.51
CIE _{LCh}	69, 41.112, 323.411
Yxy	39.2493, 0.3107, 0.2523
Android (android.graphics.Color)	4291794133 (0xFFCF94D5)
YUV	173.0510, 19.6949, 29.7733
Hunter-Lab	62.6493, 28.0778, -20.4826

Details

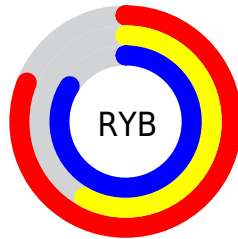
The Yxy color $39.2493, 0.3107, 0.2523$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $56.5992, 0.3128, 0.4169$, and the grayscale version is $41.7100, 0.3127, 0.3290$.

A 20% lighter version of the original color is $71.1919, 0.3151, 0.2782$, and $17.5098, 0.3094, 0.2325$ is the 20% darker color. If you saturate the color by 10%, you get $32.8911, 0.3095, 0.2275$, and if you desaturate by 10%, it is $46.8439, 0.3116, 0.2778$.

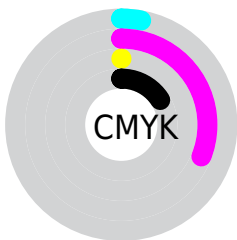
Distribution



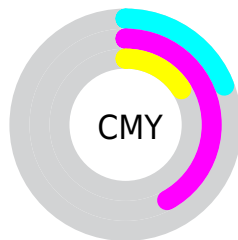
- Red (81%)
- Green (58%)
- Blue (84%)



- Red (81%)
- Yellow (58%)
- Blue (84%)



- Cyan (3%)
- Magenta (31%)
- Yellow (0%)
- Black (16%)





- Cyan (19%)
- Magenta (42%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.2493, 0.3107, 0.2523 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 39.2493, 0.3107, 0.2523 by changing the saturation by 10% instead.


 39.2493, 0.3107,
0.2523


 39.2493, 0.3107,
0.2523


342.9492, 0.3126,
0.2892

 26.9537, 0.3100,
0.2435


 74.0190, 0.3116,
0.2654

 17.5385, 0.3089,
0.2326


 97.2619, 0.3119,
0.2704

 10.6191, 0.3072,
0.2185


124.9228, 0.3121,
0.2747

 5.8114, 0.3044,
0.1997

157.3859, 0.3123,
0.2784

 2.7307, 0.2994,
0.1738

195.0357, 0.3124,
0.2816

 0.9928, 0.2893,
0.1363

238.2566, 0.3125,

 0.0000, 0.2865,


0.2845


0.0000


287.4330, 0.3126,
0.2870

 0.0000, 0.0000,
0.0000


 39.2493, 0.3107,
0.2523


 39.2493, 0.3107,
0.2523


 32.8911, 0.3095,
0.2275

 46.8439, 0.3116,
0.2778

 27.6967, 0.3080,
0.2043


 55.7322, 0.3123,
0.3032


 23.5937, 0.3063,
0.1838

 65.9741, 0.3127,
0.3278

 20.4997, 0.3043,
0.1669

 77.6242, 0.3129,
0.3511

 18.3202, 0.3021,
0.1542

 90.7340, 0.3130,
0.3728

■ 16.9431, 0.2998,
0.1459

■ 91.3532, 0.3142,
0.3732

■ 16.1888, 0.2976,
0.1413

■ 91.6594, 0.3154,
0.3730

■ 91.9692, 0.3167,
0.3728

■ 92.2826, 0.3179,
0.3727

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



39.2493, 0.2550, 0.2353



39.2493, 0.3107, 0.2523



39.2493, 0.3727, 0.2855

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



39.2493, 0.3107, 0.2523



39.2493, 0.4122, 0.4174



39.2493, 0.2156, 0.3143

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



39.2493, 0.3107, 0.2523



56.5992, 0.3128, 0.4169

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



39.2493, 0.2512, 0.3769



39.2493, 0.3107, 0.2523



39.2493, 0.3644, 0.4397

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



39.2493, 0.3107, 0.2523



39.2493, 0.4339, 0.3759



39.2493, 0.3053, 0.4265



39.2493, 0.2045, 0.2648

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



39.2493, 0.3107, 0.2523



39.2493, 0.4071, 0.3138



39.2493, 0.3053, 0.4265



39.2493, 0.2249, 0.3347

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



39.2510, 0.3107, 0.2523



85.8221, 0.3123, 0.3068



34.3772, 0.2600, 0.2492



17.9132, 0.3123, 0.3031



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



39.2510, 0.3107, 0.2523



52.2341, 0.3099, 0.2351



38.9149, 0.3407, 0.2821



12.5718, 0.3123, 0.3059



9.9120, 0.2979, 0.1415



0.6152, 0.3022, 0.1438

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



37.6599, 0.3747, 0.3217



49.5054, 0.3952, 0.3201



56.9434, 0.2923, 0.3813



12.4392, 0.3277, 0.3269



8.6778, 0.6289, 0.3238



0.5300, 0.5986, 0.3071

Previews

White Background



This preview shows how the Yxy color 39.2493, 0.3107, 0.2523 looks on a white background.

Color Contrast Check

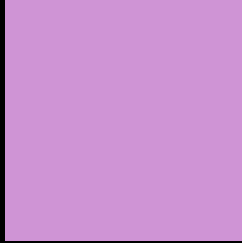
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 39.2493, 0.3107, 0.2523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

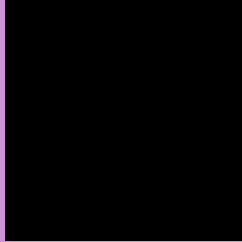
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.2493, 0.3107, 0.2523

Background



This preview shows how black text looks on a background with the Yxy color 39.2493, 0.3107, 0.2523.



This preview shows how white text looks on a background with the Yxy color 39.2493, 0.3107, 0.2523.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

39.2493, 0.3107, 0.2523

Protanopia

39.3978, 0.2551, 0.2496

Deuteranopia

39.4559, 0.2761, 0.2697



Tritanopia

39.3960, 0.3449, 0.3138

Trichromacy



Original Color

39.2493, 0.3107, 0.2523



Protanomaly

38.7281, 0.2726, 0.2491



Deuteranomaly

39.2027, 0.2882, 0.2629



Tritanomaly

39.3105, 0.3320, 0.2904

Monochromacy



Original Color

39.2493, 0.3107, 0.2523



Achromatopsia

41.7885, 0.3127, 0.3290



Achromatomaly

40.4960, 0.3114, 0.2977

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.2493, 0.3107, 0.2523 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(207, 148, 213)` looks like.

```
.text, #text, p{  
    color:rgb(207, 148, 213)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(207, 148, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 148, 213) }
```

Border

The CSS property to change the border of an element to Yxy 39.2493, 0.3107, 0.2523 is called "border". The border property can be set on classes, ids or directly on the HTML element.

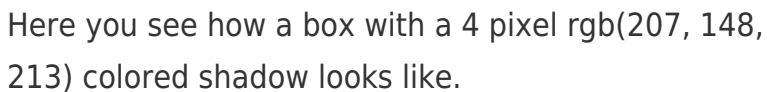
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 148, 213) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(207, 148, 213) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(207, 148, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 148, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 148, 213); box-shadow:4px 4px 4px 4px rgb(207, 148, 213) }
```


Background

The CSS property to change the background color of an element to Yxy 39.2493, 0.3107, 0.2523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 148, 213) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(207,  
148, 213) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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